



# AMINO ACID AND NUCLEOTIDE SEQUENCE LISTING FOR A PATENT APPLICATION

Electronic Version 1.0.1

Stylesheet Version 1.0.1

## STATEMENT REGARDING SEQUENCE(S)

This is a request for filing the electronic copy of a sequence listing for a patent application under 37 C.F.R. 1.821–1.825.

This communication has an attached file which is the electronic copy of the amino acid and/or nucleotide sequence listing for the previously mentioned United States Patent Application.

The electronic copy submitted herewith is the Computer Readable Form (CRF), as required by 1.821(e).

Any applicable fees associated with the filing of the electronic copy have been paid.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter). It may be in addition to an original CRF, filed to comply with the sequence rules.

This submission in electronic form comprises only the CRF of 37 C.F.R. 1.821(e). Applicant is responsible for all additional requirements of amino acid and/or nucleotide sequence listing submissions as specified in 37 C.F.R. 1.821 – 1.825.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter), and/or is in addition to an original CRF filed to comply with the sequence rules. If not made to comply with an originally filed CRF, it is identical to the sequences disclosed in the application as originally filed and/or the paper copy of the Sequence Listing as originally filed.

### Attachment Description:

Substitute CRF Biosequence

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# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: BIO  
Sequence Filing

Application Number: 09/711,724

Attorney Docket Number: HMSU-P14-006

## SCREENING ASSAYS FOR HEDGEHOG AGONISTS AND ANTAGONISTS

Assigned Examiner: Michael T. Brannock  
Group Art Unit 1646

First Named Inventor: Clifford Tabin

SUBMITTED BY

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Electronic Signature Mark: DYH Date Signed: 20030116

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Attached Files:

sequence-listing HMSU-P14-006SubstituteSequence.txt  
biotechnology-listing-filing HMSU-P14-006SubSequencebio.xml

I hereby certify that this correspondence is being transmitted to the Patent and Trademark Office on the following date. 2003-01-16

Name: David P. Halstead

Electronic Signature Mark: DYH

Comments:

## Acknowledgment Receipt

SUBMISSION TYPE: BIO Sequence Filing

APPLICATION NUMBER: 09711724

FIRST NAMED INVENTOR: Clifford Tabin

TITLE OF INVENTION: SCREENING ASSAYS FOR HEDGEHOG AGONISTS AND  
ANTAGONISTS

ATTORNEY DOCKET NUMBER: HMSU-P14-006

### FILE LISTING:

transmittal	tranHMSU-P14-006SubSequence.xml	7057 Bytes
sequence-listing	HMSU-P14-006SubstituteSequence.txt	72863 Bytes
biotechnology-listing-filing	HMSU-P14-006SubSequencebio.xml	968 Bytes
biotechnology-listing-filing	u-bio.dtd	3619 Bytes
biotechnology-listing-filing	e-bioseq.xsl	6067 Bytes

EFS ID: 21921

FILE SIZE: 27674 Bytes

TIMESTAMP: Thu Jan 16 15:05:32 EST 2003

MESSAGE DIGEST: vJhPJY3MoXmvAHFjB1Jwlw==

DIGITAL CERTIFICATE HOLDER NAME: cn=David P. Halstead, ou=Registered Attorneys

UPLOAD STATUS: You have successfully uploaded your submission to USPTO



Application No.: 09711724

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990. If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998)
- 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- 7. Other: The specification contains sequences that do not appear to be disclosed in the sequence listing, see page 96 for example

**Applicant Must Provide:**

- An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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